

1FID: 00103525
VER DATE: 1986-05-01

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:01:12
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: FREON 11

ALL SYNONYMS : *27
BPE 58592
CC0119
CFM GS #5300110174
CN4349
CUA: 79-806A01
CUA166
C0119
DU000026 (MSDS NUMBER)
EP 01.043
F-11
FAH 0737
FREON
FREON MF SOLVENT
FREON 11
FREON-11
G#200-UT-160
HMC 4
H0927
I0761E045
L1746
MUA1049-1
NBO687
REFRIGERANT 11
SA 930
SAG 7066680
TRICHLOROFLUOROMETHANE
UT48
00-1615
0001615
0937-0795
10-030-100
12345074
200-UT-160
2090FR
233755 (OLD FID)
295-1M
3G20607/0937-0043
366
42017-HMC557
55953HM22
58001HM16
733590
910117

MSDS SIGNED BY NAME: T.D. ARMSTRONG.

SAFE USE CATEGORY AND DESCRIPTION: 01 -HALOGENATED SOLVENTS

LAST UPDATED DATE: 2002-07-24

MANUFACTURER'S ID (MID): 000550360

MANUFACTURER'S NAME: DUPONT

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 800-441-3637 MEDICAL
EMERGENCY

MANUFACTURER'S MAILING ADDRESS:

AUTOMOTIVE PRODUCTS DEPT.
E.I. DUPONT DE NEMOURS & CO, INC
WILMINGTON DE 19898
US

SECTION 1 - OTHER INFORMATION: AS OF 7-24-02, THE MSDS DATED 10-19-96
IS THE MOST RECENT PER THE MANUFACTURER. FORMULA: CC13F. RESPONSIBILITY
FOR MSDS: DUPONT CHEMICALS ENGINEERING AND PRODUCT SAFETY.

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000075694	=100.0000/ 0.0000%	W	METHANE, TRICHLOROFLUORO-

PERMISSIBLE EXPOSURE LIMIT: CAS # 000075-69-4: PEL - 1000 PPM; 5600
MG/M3; OSHA STEL - NOT ESTABLISHED.

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR =	Y
EYE PRIMARY ENTRY ROUTE INDICATOR =	Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR =	Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR =	Y

EFFECTS OF OVEREXPOSURE - SKIN: POTENTIAL HEALTH EFFECTS: HUMAN HEALTH
EFFECTS: SKIN CONTACT WITH THE LIQUID MAY CAUSE DRYING OF THE SKIN WITH
REPEATED CONTACT RESULTING IN MILD SKIN IRRITATION WITH DISCOMFORT OR
RASH.

EFFECTS OF OVEREXPOSURE - EYE: POTENTIAL HEALTH EFFECTS: HUMAN HEALTH
EFFECTS: HUMAN HEALTH EFFECTS OF OVEREXPOSURE BY EYE CONTACT MAY
INCLUDE EYE IRRITATION WITH DISCOMFORT, TEARING, OR BLURRING OF VISION.

EFFECTS OF OVEREXPOSURE - INHALATION: POTENTIAL HEALTH EFFECTS:
INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUSE
HEART IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH. INTENTIONAL MISUSE OR
DELIBERATE INHALATION MAY CAUSE DEATH WITHOUT WARNING. VAPOR REDUCES
OXYGEN AVAILABLE FOR BREATHING AND IS HEAVIER THAN AIR. CAUSES SKIN AND
EYE IRRITATION. HUMAN HEALTH EFFECTS: OVEREXPOSURE BY INHALATION MAY
CAUSE TEMPORARY NERVOUS SYSTEM DEPRESSION WITH ANESTHETIC EFFECTS SUCH
AS DIZZINESS, HEADACHE, CONFUSION, INCOORDINATION, AND LOSS OF
CONSCIOUSNESS; TEMPORARY ALTERATION OF THE HEART'S ELECTRICAL ACTIVITY
WITH IRREGULAR PULSE, PALPITATIONS, OR INADEQUATE CIRCULATION, OR THE
EFFECTS OF EXCLUSION OF OXYGEN WITH GROSSLY EXCESSIVE EXPOSURES.

EFFECTS OF OVEREXPOSURE - INGESTION: POTENTIAL HEALTH EFFECTS: HUMAN
HEALTH EFFECTS: INGESTION MAY INCLUDE NONSPECIFIC DISCOMFORT, SUCH AS
NAUSEA, HEADACHE, OR WEAKNESS.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: INDIVIDUALS WITH PREEXISTING
DISEASES OF THE CENTRAL NERVOUS OR CARDIOVASCULAR SYSTEM MAY HAVE
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: CONTACT: IN CASE OF SKIN CONTACT, FLUSH SKIN WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION IS PRESENT.

EMERGENCY FIRST AID PROCEDURES - EYES: CONTACT: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A

PHYSICIAN.

EMERGENCY FIRST AID PROCEDURES - INHALATION: IF HIGH CONCENTRATIONS ARE INHALED, IMMEDIATELY REMOVE TO FRESH AIR. KEEP PERSON CALM. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

EMERGENCY FIRST AID PROCEDURES - INGESTION: IF SWALLOWED, NO SPECIFIC INTERVENTION IS INDICATED AS THE COMPOUND IS NOT LIKELY TO BE HAZARDOUS BY INGESTION. HOWEVER, CONSULT A PHYSICIAN IF NECESSARY.

NOTES TO PHYSICIAN: BECAUSE OF POSSIBLE DISTURBANCES OF CARDIAC RHYTHM, CATECHOLAMINE DRUGS, SUCH AS EPINEPHRINE, SHOULD BE USED WITH SPECIAL CAUTION IN SITUATIONS OF EMERGENCY LIFE SUPPORT.

SECTION 05: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES: EXTINGUISHING MEDIA: AS APPROPRIATE FOR COMBUSTIBLES IN AREA. FIRE FIGHTING INSTRUCTIONS: SELF-CONTAINED BREATHING APPARATUS (SCBA) IS REQUIRED IF CONTAINERS RUPTURE AND CONTENTS ARE SPILLED UNDER FIRE CONDITIONS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DRUMS MAY RUPTURE UNDER FIRE CONDITIONS. DECOMPOSITION MAY OCCUR.

HMIS CODES:

HMIS REACTIVITY CODE =	1
HMIS HEALTH CODE =	1
HMIS FLAMMABILITY CODE =	0
NFPA CODES:	
NFPA FLAMMABILITY CODE =	0
NFPA HEALTH CODE =	1
NFPA REACTIVITY CODE =	1

AUTO-IGNITION TEXT: NOT DETERMINED.

FLASH POINT TEXT: WILL NOT BURN.

FLASH POINT METHOD: TOC

SECTION 5 - OTHER INFORMATION: FLAMMABLE LIMITS IN AIR, % BY VOLUME: LEL, UEL: NOT APPLICABLE. AUTODECOMPOSITION: >593 C (>1099 F). NPCA RATING: HEALTH: 1, FLAMMABILITY: 0, REACTIVITY: 1. HMIS RATING: PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON USE CONDITIONS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: ACCIDENTAL RELEASE MEASURES: SAFEGUARDS (PERSONNEL): NOTE: REVIEW FIRE FIGHTING MEASURES AND HANDLING (PERSONNEL) SECTIONS (SECTIONS 5 AND 7) BEFORE PROCEEDING WITH CLEAN-UP. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP. ACCIDENTAL RELEASE MEASURES: VENTILATE AREA. DO NOT FLUSH INTO SEWERS. DIKE SPILL. COLLECT ON ABSORBENT MATERIAL AND TRANSFER TO STEEL DRUMS FOR RECOVERY OR DISPOSAL. USE SELF-CONTAINED BREATHING APPARATUS (SCBA) FOR LARGE SPILLS. COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS ON REPORTING RELEASES.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: HANDLING (PERSONNEL): USE WITH SUFFICIENT VENTILATION TO KEEP EMPLOYEE EXPOSURE BELOW RECOMMENDED LIMITS. STORAGE: CLEAN, DRY AREA. DO NOT STORE ABOVE 125 DEG F. (52 DEG C).

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: CHEMICAL SPLASH GOGGLES SHOULD BE AVAILABLE FOR USE AS NEEDED TO PREVENT EYE CONTACT.

RESPIRATORY PROTECTION: UNDER NORMAL MANUFACTURING CONDITIONS, NO RESPIRATORY PROTECTION IS REQUIRED WHEN USING THIS PRODUCT. SELF-CONTAINED BREATHING APPARATUS (SCBA) IS REQUIRED IF A SPILL OCCURS.

ENGINEERING CONTROLS: NORMAL VENTILATION FOR STANDARD MANUFACTURING PROCEDURES IS GENERALLY ADEQUATE. LOCAL EXHAUST SHOULD BE USED WHEN LARGE AMOUNTS ARE RELEASED. MECHANICAL VENTILATION SHOULD BE USED IN LOW OR ENCLOSED PLACES.

PROTECTIVE GLOVES (SPECIFY TYPE): CHEMICALLY IMPERVIOUS GLOVES SHOULD BE USED TO AVOID PROLONGED OR REPEATED EXPOSURE.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: = 23.90C/ 75.00F

SPECIFIC GRAVITY VALUES: = 1.4800
SPECIFIC GRAVITY TEXT: AT 25 DEG C (77 DEG F).

DENSITY VALUES/UOM: = 1.4800G/CC
DENSITY TEXT: AT 25 DEG C (77 DEG F).

VAPOR DENSITY VALUES: = 4.9000
VAPOR DENSITY TEXT: (AIR=1).
VAPOR PRESSURE TEXT: 14.7 PSIA AT 25 DEG C (77 DEG F).

PERCENT VOLATILE BY WEIGHT VALUES: = 100.0000

EVAPORATION RATE VALUES: > 1.00
EVAPORATION RATE TEXT: (CC14=1).

SOLUBILITY IN WATER TEXT: 0.1 WT % AT 25 C (77 F).

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NEUTRAL.

APPEARANCE: CLEAR, COLORLESS LIQUID.

ODOR: SLIGHT ETHEREAL ODOR.

MOLECULAR WEIGHT VALUES: = 137.3600

PHYSICAL STATE: LIQ

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: CHEMICAL STABILITY: STABLE. HOWEVER, AVOID OPEN FLAMES AND HIGH TEMPERATURES. INCOMPATIBILITY WITH OTHER MATERIALS: INCOMPATIBLE WITH ALKALI OR ALKALINE EARTH METALS-POWDERED AL, ZN, BE, ETC.

HAZARDOUS DECOMPOSITION PRODUCTS: OTHER HAZARDS: DECOMPOSITION: DECOMPOSITION PRODUCTS ARE HAZARDOUS. FREON 11 CAN BE DECOMPOSED BY HIGH TEMPERATURES (OPEN FLAMES, GLOWING METAL SURFACES, ETC.) FORMING HYDROCHLORIC AND HYDROFLUORIC ACIDS AND POSSIBLY CARBONYL HALIDES.

HAZARDOUS POLYMERIZATION INDICATOR: N

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: TOXICOLOGICAL INFORMATION: ANIMAL DATA: INHALATION 4-HOUR LC50: 26,200 PPM IN RATS. ORAL ALD: 3725 MG/KG IN RATS. THE COMPOUND IS NOT A SKIN IRRITANT BUT IS A MILD EYE IRRITANT. TOXIC EFFECTS IN RATS EXPOSED BY INHALATION INCLUDE CENTRAL NERVOUS SYSTEM AND ANESTHETIC EFFECTS AT HIGH CONCENTRATIONS. CONCENTRATIONS OF 0.35% AND HIGHER CAUSED CARDIAC SENSITIZATION IN DOGS. VARIOUS CARDIOVASCULAR AND CIRCULATORY ABNORMALITIES HAVE ALSO BEEN REPORTED IN OTHER ANIMALS. CHANGES IN THE LUNGS, LIVER, BRAIN AND SPLEEN WERE OBSERVED IN A STUDY OF RATS EXPOSED BY INHALATION TO 12 TIMES THE TLV. IN ANOTHER STUDY AT 25 TIMES THE TLV, RATS, GUINEA PIGS, AND CATS EXHIBITED NO MICROSCOPIC EVIDENCE OF DAMAGE TO THE HEART, LUNGS, KIDNEY, LIVER OR SPLEEN. EXPOSURES BY INGESTION OR SKIN RESULTED IN NO EVIDENCE OF TOXICITY IN RATS, DOGS OR RABBITS.

CARCINOGENICITY: INFORMATION: NONE OF THE COMPONENTS PRESENT IN THIS MATERIAL AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: ECOTOXICOLOGICAL INFORMATION: AQUATIC TOXICITY: FREON 11: 96-HOUR LC50, RAINBOW TROUT: 190 MG/L.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: RECLAIM BY DISTILLATION OR REMOVE TO A PERMITTED WASTE DISPOSAL FACILITY. COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: TRANSPORTATION INFORMATION: SHIPPING INFORMATION: DOT: PROPER SHIPPING NAME: RQ ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (TRICHLOROFLUOROMETHANE). HAZARD CLASS: 9. UN NO.: UN3082. DOT LABEL: CLASS 9. PACKING GROUP: III. SHIPPING CONTAINERS: TANK CARS, TANK TRUCKS, DRUMS. REPORTABLE QUANTITY: 5000 LB. NOT REGULATED AS A HAZARDOUS MATERIAL BY DOT IN CONTAINERS LESS THAN 5000 LBS.

SECTION 14 - OTHER INFORMATION: TRANSPORTATION INFORMATION: SHIPPING INFORMATION: IMO: PROPER SHIPPING NAME: RQ ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (TRICHLOROFLUOROMETHANE). HAZARD CLASS: 9. UN NO.: UN3082. IMO LABEL: CLASS 9. PACKING GROUP: III. SHIPPING

CONTAINERS: TANK CARS, TANK TRUCKS, DRUMS. REPORTABLE QUANTITY: 5000 LB. NOT REGULATED AS A HAZARDOUS MATERIAL BY IMO OR ICAO IN CONTAINERS LESS THAN 5000 LBS.

SECTION 15: REGULATORY INFORMATION

SARA 311/312 HAZARD INDICATORS:

IMMEDIATE HEALTH INDICATOR =	Y
DELAYED HEALTH INDICATOR =	N
FIRE INDICATOR =	N
SUDDEN PRESSURE RELEASE INDICATOR =	N
REACTIVITY INDICATOR =	N

SECTION 15 - OTHER INFORMATION: DISCLOSURE AS A A TOXIC CHEMICAL IS REQUIRED UNDER SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: (75-69-4). REPORTABLE QUANTITY: 5000 LB. U.S. FEDERAL REGULATIONS: TSCA INVENTORY STATUS: REPORTED/INCLUDED. HAZARDOUS CHEMICAL LISTS: SARA EXTREMELY HAZARDOUS SUBSTANCE: NO. CERCLA HAZARDOUS SUBSTANCE: YES. SUPERFUND REPORTABLE DISCHARGE: 5000 LB. ADDITIONAL INFORMATION: FREON 11 CONTAINS VERY LOW LEVELS OF CARBON TETRACHLORIDE AND CHLOROFORM, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SAFE USE CATEGORY AND DESCRIPTION :

01 HALOGENATED SOLVENTS

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000075694 METHANE, TRICHLOROFLUORO-
REG:

0001,0003,0006,0007,0011,0012,0016,0017,0019,0020,0031,0034
0038,0039,0047,0048,0056,0058,0061,0063,0065,0068,0070,0071
0088,0089,0091,0104,0109,0116,0123

REG BY CATEGORY:
0102,0110

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0019	MA SUBST	0020	NJ ENV SUBST	0021	TOX ORGANICS
0023	MD CLASS II	0031	ALLGHNY CTY	0032	IL-RTK
0034	FLT CRIT IND	0036	PRO EP TOX	0037	MO SPECIES
0038	MO-RTK	0039	ONT 654-86	0042	WI TABLE 1
0047	SARA 313	0048	CERCLASEC103	0050	P-65 REP TOX
0056	CT 29-3	0058	EPA261.33(F)	0059	CA AIR TOX 1
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0068	MI 307-CARC
0070	MICH AIR	0071	CAA602 CLSI	0078	GREAT LAKES
0083	TSCA 8(D))	0084	GM OEG	0085	TSCA-TEST
0087	TSCA 12(B)	0088	NAT. POLL. REL	0089	NY CHEM BULK
0091	LAND DISP. - II	0098	DSL - CANADA	0102	GM 1000M
0104	CERCLA-HAZWOPER	0105	GLPPP-SPECIFIC	0106	GLPPP-SPECIFIC
0109	APPENDIX IX	0110	GLOBAL WARM CMP	0113	IARC-GROUP 2B
0116	GMW 3059-RESTR.	0117	GMW 3059-REPORT	0122	ACDM-REPORTING
0123	MDEQ PART 5				

GMBA/PLANT USING THIS FID:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE

GMBA: 000550679 SPO - FLINT DIVISIONAL HDQTRS.
CISCO: 17101;
STATUS :ACTIVE

GMBA: 000550735 SPO - WILLOW RUN (BELLEVILLE)
CISCO: 17587;
STATUS :INACTIVE

GMBA: 000550741 MCD GROUP - WARREN
CISCO: 18001;
STATUS :ACTIVE

GMBA: 000550746 GMPTG - POWERTRAIN ENGINEERING
CISCO: 18006;
STATUS :ACTIVE

GMBA: 000550747 LAD - WILMINGTON ASSEMBLY
CISCO: 18007;
STATUS :ACTIVE

GMBA: 000550749 LAD - OKLAHOMA ASSEMBLY
CISCO: 18014;
STATUS :INACTIVE

GMBA: 000550753 MCD - FAIRFAX ASSEMBLY
CISCO: 18034;18044;
STATUS :ACTIVE

GMBA: 000550763 GMPTG - ROMULUS ENGINEERING CENTER
CISCO: 18101;
STATUS :ACTIVE

GMBA: 000550773 CLCD PONTIAC PRESSED METAL

CISCO: 18200;
STATUS :INACTIVE
GMBA: 000550779 CLCD - ORION ASSEMBLY
CISCO: 19017;
STATUS :INACTIVE
GMBA: 000550780 CLCD - WENTZVILLE (CLOSED)
CISCO: 19018;
STATUS :ACTIVE
GMBA: 000550781 CLCD - DETROIT/HAMTRAMCK ASSEMBLY
CISCO: 19019;
STATUS :ACTIVE
GMBA: 000550784 BOC KANSAS CITY
CISCO: 19028;
STATUS :ACTIVE
GMBA: 000550787 METALFAB - KALAMAZOO METAL FAB PLANT
CISCO: 19041;
STATUS :INACTIVE
GMBA: 000550788 MFD - LORDSTOWN
CISCO: 19044;
STATUS :INACTIVE
GMBA: 000550790 LAD - LORDSTOWN ASSEMBLY
CISCO: 19078;
STATUS :INACTIVE
GMBA: 000550792 BOC - CHICAGO
CISCO: 19086;
STATUS :INACTIVE
GMBA: 000550796 LAD - LANSING
CISCO: 19300;
STATUS :ACTIVE
GMBA: 000550797 CLCD - BUICK CITY ASSEMBLY
CISCO: 19400;
STATUS :ACTIVE
GMBA: 000550809 DELPHI E - MILWAUKEE
CISCO: 31011;
STATUS :INACTIVE
GMBA: 000550810 DELPHI E - WICHITA FALLS PLANT
CISCO: 31021;
STATUS :ACTIVE
GMBA: 000550822 DELPHI E - PLANT #26 - MUNCIE
CISCO: 35003;
STATUS :ACTIVE
GMBA: 000550824 DELPHI E - PLANT #14 - OLATHE
CISCO: 35008;
STATUS :ACTIVE
GMBA: 000550829 DELPHI E - PLANT #29 - ALBANY
CISCO: 35020;
STATUS :ACTIVE
GMBA: 000550830 DELPHI I - ANDERSON PLANT
CISCO: 36001;
STATUS :INACTIVE
GMBA: 000550835 DELPHI I - FLINT COLDWATER ROAD PLANT
CISCO: 36125;
STATUS :INACTIVE
GMBA: 000550842 DELPHI H - LOCKPORT
CISCO: 37001;
STATUS :ACTIVE

GMBA: 000550845 DELPHI H - MORAINES PLANT
CISCO: 37007;
STATUS :ACTIVE

GMBA: 000550846 DELPHI H - TUSCALOOSA PLANT
CISCO: 37008;
STATUS :ACTIVE

GMBA: 000550849 DELPHI I - GRAND RAPIDS TRIM PLANT
CISCO: 39025;
STATUS :ACTIVE

GMBA: 000550861 DELPHI C - SANDUSKY PLANT
CISCO: 42017;
STATUS :INACTIVE

GMBA: 000550865 DELPHI SAGINAW STEERING SYS. - SAGINAW
CISCO: 44001;
STATUS :INACTIVE

GMBA: 000550867 DELPHI SAGINAW STEERING SYS. - ATHENS
CISCO: 44004;
STATUS :ACTIVE

GMBA: 000550876 GM TRUCK GROUP-TPC CENTRAL
CISCO: 48028;
STATUS :ACTIVE

GMBA: 000550878 NATP - PONTIAC CENTRAL ASSEMBLY *CLOSED*
CISCO: 48032;
STATUS :INACTIVE

GMBA: 000550882 GMTG - BALTIMORE ASSEMBLY
CISCO: 48063;
STATUS :ACTIVE

GMBA: 000550883 GMTG - FLINT - T & B ASSEMBLY
CISCO: 48065;
STATUS :INACTIVE

GMBA: 000550884 GMTG - PONTIAC EAST ASSEMBLY
CISCO: 48069;
STATUS :INACTIVE

GMBA: 000550893 PLANT NAME NOT IN CSIS WHO-ID FILE
CISCO: 48761;
STATUS :ACTIVE

GMBA: 000550897 GMPTG - WILLOW RUN PLANT
CISCO: 57001;
STATUS :ACTIVE

GMBA: 000550905 DELPHI E - GRAND RAPIDS PLANT
CISCO: 58005;
STATUS :ACTIVE

GMBA: 000550906 DELPHI E - COOPERSVILLE PLANT
CISCO: 58006;
STATUS :INACTIVE

GMBA: 000550907 DELPHI E - ENG. CENTER - HENRIETTA
CISCO: 58007;
STATUS :ACTIVE

GMBA: 000550908 AC DELCO SYSTEMS - DIVISIONAL HAZARDOUS
CISCO: 58011;
STATUS :ACTIVE

GMBA: 000550911 PACKARD ELECTRIC - CLINTON
CISCO: 60021;
STATUS :ACTIVE

GMBA: 000550912 ELECTRO-MOTIVE - LAGRANGE
CISCO: 62001;
STATUS :ACTIVE

GMBA: 000550920 GMPTG - SAGINAW MALLEABLE IRON PLANT
CISCO: 65030;
STATUS :ACTIVE

GMBA: 000550926 GMPTG - MASSENA PLANT
CISCO: 65090;
STATUS :ACTIVE

GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE

GMBA: 000550959 MANUFACTURING BUILDINGS-WARREN
CISCO: 91003;
STATUS :INACTIVE

GMBA: 000550960 GM DESERT PROVING GROUND
CISCO: 91008;
STATUS :ACTIVE

GMBA: 000550965 GMPTG - DENVER VEHICLE EMISSIONS LAB
CISCO: 94011;
STATUS :INACTIVE

GMBA: 000550966 GM PROVING GROUND - MILFORD
CISCO: 94017;
STATUS :INACTIVE

GMBA: 000550970 TECHNICAL STAFF FACILITIES SECTION
CISCO: 94140;
STATUS :INACTIVE

GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE
CISCO: 96003;
STATUS :ACTIVE

GMBA: 000550977 NAO RESEARCH & DEVELOPMENT CENTER-WARREN
CISCO: 98003;
STATUS :INACTIVE

GMBA: 000550978 DESIGN CENTER-WARREN
CISCO: 99003;
STATUS :INACTIVE

GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE
STATUS :ACTIVE

GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE

GMBA: 000556993 DELTA ENGINE
STATUS :ACTIVE